Cando 709/217780 70 9

FIGURE 1

COMPARISON OF HUMAN V1-1 VS. HUMAN MP-52

| V1-1 1 | Ser AGC | CGC | Cys TGC | AGC | CGC | AAG | CCG | TTG | CAC | GTG | GAC | TTC | AAG | GAG | Leu CTC |
|-----------|------------|------------|------------|------------|------------|------------|----------------|------------|---------|----------|------------|------------|------------|-------------|------------|
| MP52 1 | GCT Ala | CGC | TGC | AGT | CGG | AAG | GCA | CTG | CAT | GTC | AAC | TTC | AAG | 'ĠAC Asp | ATG Met |
| 16 46 | GGC | TGG | GAC | GAC !!! | TGG | ATC | ATC | GCG | CCG | CTG | GAC | TAC | GAG | Ala T | TAC |
| 46 16 | GGC | TGG | GAC | GAC | TGG | ATC | ATC | GCA | CCC | C.I.I. | GAG | Tyr | GAG | GCT Ala | Phe |
| 31 91 | CAC | TGC | GAG | GGC | CTT | TGC | GAC | TTC | CCT | TTG | CGT | TCG | CAC | Leu | GAG |
| 91 31 | CAC His | TGC Cys | GAG Glu | GGG Gly | CTG Leu | TGC Cys | GAG Glu | TTC Phe | Pro | Leu | Arg | Ser | His | CTG Leu | Glu |
| 46 121 | CCC | ACC | AAC !! | CAT | GCC | ATC | ATT | CAG | ACG | CTG | CTC | AAC | TCC | Met ATG | GCA |
| 121 46 | CCC | ACG | AAT | CAT | GCA | GTC | ATC | CAG | ACC | CTG | ATG . | AAC ' | TCC . | ATG (| GAC Asp |
| 61 181 | CCA | GAC | GCG ! | GCG ! | CCG | GCC | TCC | TGC | TGT | GTG | CCA | GCG | CGC | Leu CTC | AGC |
| 181 61 | CCC | GAG | TCC | ACA | CCA | CCC | ACC | TGC | TGT | GTG | CCC | ACG Thr | CGG Arg | CTG Leu | AGT Ser |
| 76 226 | CCC | ATC | AGC | ATC | CTC | TAC | ATC | GAC | GCC | GCC | AAC | AAC | GTT | Val GTC | TAC |
| 226 76 | CCC | ATC | AGC | ATC | CTC | TTC | \mathbf{ATT} | GAC | TCT | GCC | AAC | AAC | GTG | GTG Val | TAT Tyr |
| 91 271 | AĀG | CAA | 1 1 | GAG | GAC | ATG | GTG | GTG | GAG | GCC ¦ | TGC | GGC | TGC | AGG | |
| 271 91 | AAG | CAG | TAT | GAG | GAC | ATG | GTC | GTG | GAG | TCG | TGT Cys | GGC Gly | TGC Cys | AGG Arg | |

Homology at the nucleotide level: 249/312 = 79.8%Homology at the amino acid level: 84/104 = 80.8%